

**WMO/IOC/UNEP/ICSU
GCOS Atmospheric Observation Panel
for Climate (AOPC) Mean Sea Level
Pressure Working Group**

Rob Allan

Hadley Centre, Met Office, UK

EC EMULATE Start-up Meeting, UEA, Norwich, UK

November 18th-19th 2002

Aims of the AOPC MSLP Working Group

- promote the analysis of global surface pressure from both real-time & historical sources using both **daily** & monthly data
- record & evaluate differences among surface pressure analyses through comparison of basic products
- recommend actions needed to ensure the quality & consistency of surface pressure analyses based on analysis of those differences
- promote the recovery of atmospheric pressure data, including issues associated with data access, archiving & maintenance
- promote the comparison of the various types of barometers & pressure sensors (including satellite estimates) used to measure surface pressure
- report annually to AOPC (& OOPC) on progress,

Membership

Rob Allan (UKMO) (co-convener)

Climatology

Ed Harrison (PMEL) (co-convener)

Diagnostics

Gilbert Compo (CDC, NOAA)

Daily reconstruction

**Phil Jones (CRU, UEA)
analysis**

Historical

Masao Kanamitsu (NCEP)

Reanalysis

Doug Luther (Uni of Hawaii)

Sea level

Bob Seaman (BMRC)

Quality control

Scott Woodruff (CDC, NOAA)

COADS-I-COADS

AOPC: Surface pressure group workshop

Norwich 20th –21st November, 2002

Workshop Outline

Day 1: Historical MSLP data: compilations and quality control
(Committee Room 2, adjacent to the main entrance of the Registry)

Morning session (10:00 – 1:00) : short presentations

Afternoon session (2:30 – 5:30) : Discussion

Open discussion on a number of MSLP data issues

Day 2: Historical MSLP: analyses and data extensions
(UEA Sportspark)

Morning session (9:00 – 12:15) : short presentations and discussion

Afternoon session (1:15 – 3:30) : Discussion

Open discussion on a number of MSLP data issues

3.30 Finish